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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/798,754	03/10/2004	Steven Shafer	307218.01/MSFTI122175	6121

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EXAMINER

LABAZE, EDWYN

ART UNIT

PAPER NUMBER

2876

DATE MAILED: 06/15/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/798,754

Applicant(s)

SHAHER ET AL.

Examiner

EDWYN LABAZE

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 10 March 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-40 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 13-17 is/are allowed.
- 6) ☒ Claim(s) 1-7, 10-12, 18 and 24-37 is/are rejected.
- 7) ☒ Claim(s) 8, 9, 19-23 and 38-40 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 3102004, 452006.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

1. Receipt is acknowledged of IDS filed on 3/10/2004 and 4/5/2006.
2. Claims 1-40 are presented for examination.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting directly or indirectly from an international application filed before November 29, 2000. Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

4. Claims 1-7, 10-12, 18, and 24-37 are rejected under 35 U.S.C. 102(e) as being anticipated by Jalkanen et al. (US 2004/0264441).

Re claims 1, 18, 30: Jalkanen et al. discloses RFID system with packetized data storage in a mobile environment, which includes means an identification query {herein interpreted as an interrogation signal from the reader 104} to a radio frequency identification tag 106 (paragraphs 35+); receiving a message addressed to a tag routing address of the radio frequency identification

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tag, the tag routing address {herein interpreted as the routing application 134, which is responsive to Internet protocols 136/138 and decide whether the datagram should be processed locally or forwarded to an appropriate/global network using Ipv4, Ipv6 Internet protocol version} being compliant with a standard network protocol (paragraphs 20, 31-34); and sending {Jalkanen et al. teaches that the reader 104 includes antenna for transmitting a RF signal to the tag 106, and the tag includes a high frequency interface for communicating with the reader 104 for processing in the address logic unit 160} a response {herein a datagram packetized in the memory 162 of the tag} to the message (paragraphs 36+). Jalkanen et al. further comprising assigning a guest identification {which may be an Internet address, a unique interface ID, or any data indicative of a location of the ID tag} to the radio frequency identification tag 106, the guest identification forming at least a portion of the tag routing address (see claim 23 of Jalkanen et al.).

Re claims 2, 4, 29, 34: Jalkanen et al. teaches a system and method, further comprising sending and receiving {herein Jalkanen et al. teaches that the reader 104 includes a high frequency interface 148 consisting of a receiver and a transmitter with an antenna} a message to and from the radio frequency identification tag (paragraph 33-36).

Re claims 3, 5, 27: Jalkanen et al. discloses a system and method, further comprising transcoding {known in the art as a process of transforming the format and representation of content, herein interpreted as means of compressing a datagram} the message before sending the message to the radio frequency identification tag (paragraph 38+).

Re claim 6: Jalkanen et al. teaches a system and method, wherein the tag routing address is a care-of-address {One skilled in the art would acknowledge that the address that depends on

the subnetwork is called Care of Address, and herein interpreted as the destination address to be routed to a personal area network} (paragraph 32).

Re claims 7, 25-26, 35: Jalkanen et al. discloses a system and method, further comprising assigning a guest identification {which may be an Internet address, a unique interface ID, or any data indicative of a location of the ID tag} to the radio frequency identification tag 106, the guest identification forming at least a portion of the tag routing address (see claim 23 of Jalkanen et al.),

Re claim 10: Jalkanen et al. teaches a system and method, wherein the guest identification is compliant with an interface identification field of an Internet Protocol address {such as code 0XB58B, which is compliant to Internet Protocol version 4/Ipv4} (paragraphs 39-40).

Re claims 11, 24: Jalkanen et al. discloses a system and method, further comprising receiving identification data from the radio frequency identification tag, wherein the identification data includes a first data element comprising a global routing prefix {also known in the art as a destination/public address 330} of an Internet Protocol address and a second data element comprising an asset identifier {herein interpreted as the source address 328; as shown in fig. # 3} (paragraph 40).

Re claims 12, 28, and 37: Jalkanen et al. teaches a system and method, further comprising reading the message addressed to the tag routing address, and performing the instructions/commands contained within the message (paragraph 39).

Re claim 31: Jalkanen et al. discloses a system and method, wherein the identification tag is a passive identification tag (paragraph 34).

Re claims 32-33: Jalkanen et al. teaches a system and method, wherein the identification tag is an active identification tag consisting essentially of an integrated chip, a battery and an antenna, and the tag is a radio frequency identification/RFID tag 106 (paragraph 34).

Re claim 36: Jalkanen et al. discloses a system and method, further comprising sending the guest identification to a home agent {herein interpreted as the User Data Protocol/UDP} of the radio frequency identification tag (paragraphs 37-38).

Allowable Subject Matter

5. Claims 8-9, 19-23, and 38-40 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

6. Claims 13-17 are allowed.

7. The following is a statement of reasons for the indication of allowable subject matter: The prior art of record fails to teach means of linking at least a portion of a reader system routing address with the guest identification to form a tag routing address. Furthermore, the prior art did teach means of determining a uniform resource locator for an asset lookup service based on the received identification data; and based on the determined address/uniform resource locator, sending at least a portion of the received identification data to the asset lookup service. These limitations in conjunction with other limitations in the claimed invention were not shown by the prior art of record.

Conclusion

8. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Chuah (US 2003/0214928) teaches method for paging a device in a wireless network.

Schmidtberg et al. (US 2004/0145472) discloses RF identification tag for communicating condition information associated with an item.

Carrender et al. (US 2005/0108076) teaches system for routing and tracking deliverables.

Cox, JR. et al. (US 2005/0092825) teaches system and method for RFID system integration.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to EDWYN LABAZE whose telephone number is (571) 272-2395. The examiner can normally be reached on 7:30 AM - 4:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael G. Lee can be reached on (571) 272-2398. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

el
Edwyn Labaze
Patent Examiner
Art Unit 2876
June 2, 2006



THIEN M. LE
PRIMARY EXAMINER